

ANOVA Table for MA model

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Cachectic diag.- MA-figure	11	260.240	23.656	2.850	.0020
Residuals	103	826.986	8.019		

Model II estimate of between component variance: 1.704

94 cases were omitted due to missing values.

Means Table for MA model

Effect: Cachectic diag.- MA-figure

	Count	Mean	Std. Dev.	Std. Err.
AIDS	8	5.217	4.801	1.990
cachectic CHF	16	4.870	2.519	.550
Cancer	2	8.368	3.056	3.875
chronic renal failure	2	3.886	4.668	3.815
COPD	14	3.843	2.305	.618
healthy controls	16	1.940	.687	.178
idiopathic cachexia	2	3.835	3.203	2.265
Infection	8	8.437	8.868	2.844
Livercirrh + Cachexia	8	8.098	5.693	2.324
Malnutrition	8	2.987	1.784	.728
more Controls	2	2.373	1.089	.634
no CHF	37	2.584	1.344	.221

Fisher's PLSD for MA model  
Effect: Cachectic diag.- MA-figure  
Significance Level: 5 %

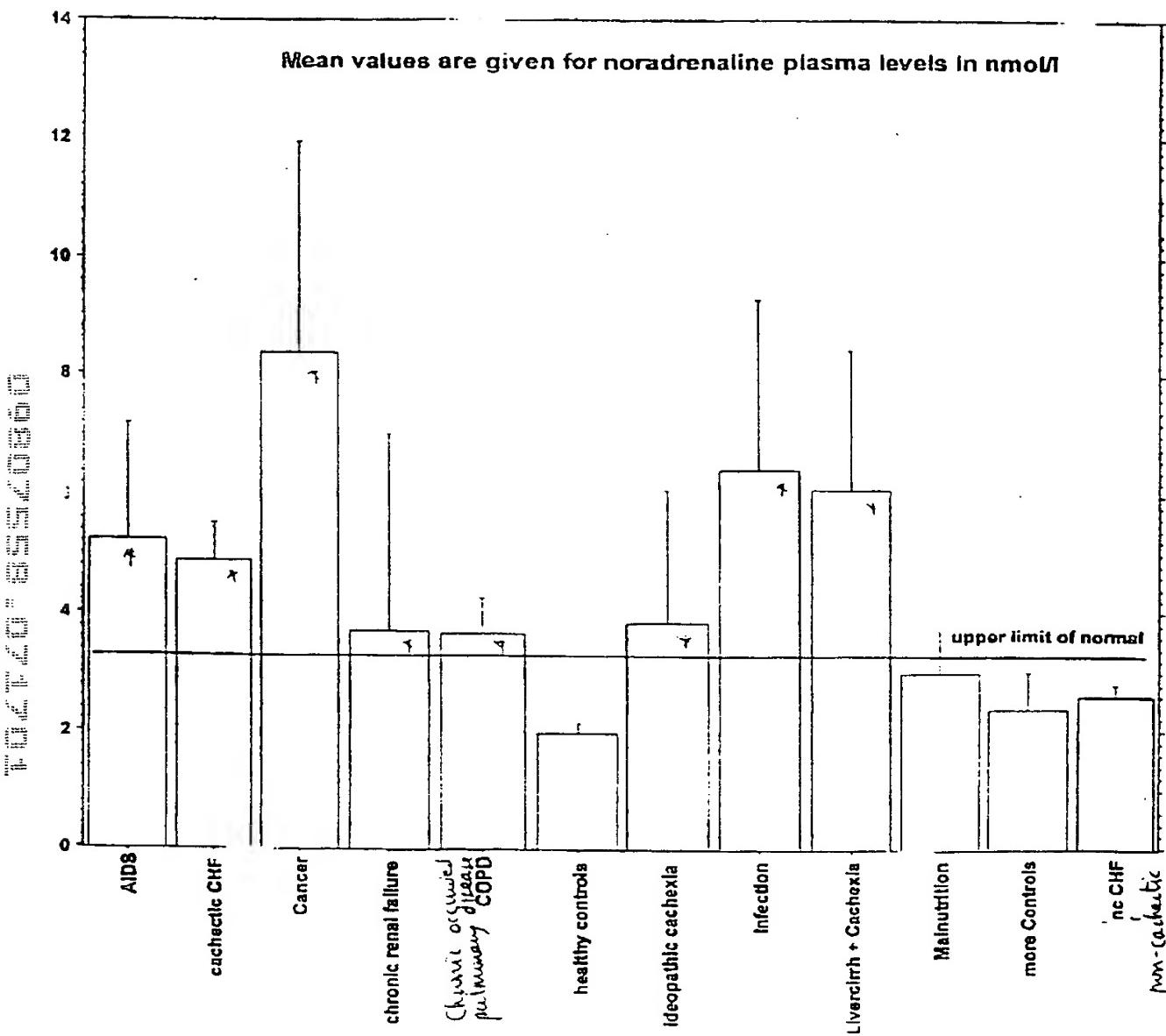
AIDS, cachectic CHF	.347	2.718	.0004
AIDS, Cancer	-3.148	4.588	.1783
AIDS, chronic renal failure	1.527	4.588	.5119
AIDS, COPD	1.574	2.746	.2571
AIDS, healthy controls	3.277	2.688	.0174
AIDS, idiopathic cachexia	1.382	4.686	.6510
AIDS, Infection	-1.220	3.245	.4978
AIDS, Livercirrh + Cachexia	-.687	3.245	.5900
AIDS, Malnutrition	2.230	3.245	.1786
AIDS, more Controls	2.643	3.971	.1686
AIDS, no CHF	2.633	2.472	.0371
cachectic CHF, Cancer	-3.498	4.200	.1042
cachectic CHF, chronic renal failure	1.178	4.228	.5827
cachectic CHF, COPD	1.227	2.087	.5482
cachectic CHF, healthy controls	2.930	2.610	.0049
cachectic CHF, idiopathic cachexia	1.035	4.228	.6283
cachectic CHF, Infection	-1.667	2.713	.2647
cachectic CHF, Livercirrh + Cachexia	-1.220	2.713	.3719
cachectic CHF, Malnutrition	1.883	2.713	.1718
cachectic CHF, more Controls	2.497	3.182	.1663
cachectic CHF, no CHF	2.284	1.719	.0090
Cancer, chronic renal failure	4.870	5.918	.1022
Cancer, COPD	4.722	4.246	.0288
Cancer, healthy controls	5.426	4.812	.0081
Cancer, Infection	1.928	4.588	.4862
Cancer, Livercirrh + Cachexia	2.287	4.588	.3292
Cancer, Malnutrition	5.376	4.588	.0280
Cancer, more Controls	6.092	8.127	.0224
Cancer, no CHF	5.781	4.077	.0088
chronic renal failure, COPD	.052	4.246	.9866
chronic renal failure, healthy controls	1.755	4.812	.4163
chronic renal failure, idiopathic cachexia	-.140	5.810	.9687
chronic renal failure, Infection	-2.742	4.588	.2384
chronic renal failure, Livercirrh + Cachexia	-2.403	4.588	.3010
chronic renal failure, Malnutrition	.708	4.588	.7800
chronic renal failure, more Controls	1.322	6.187	.8103
chronic renal failure, no CHF	1.111	4.077	.5900
COPD, healthy controls	1.703	2.086	.1888
COPD, idiopathic cachexia	-.192	4.246	.8285
COPD, Infection	-2.794	2.748	.0456
COPD, Livercirrh + Cachexia	-2.468	2.748	.0785
COPD, Malnutrition	.856	2.748	.4380
COPD, more Controls	1.269	3.879	.4827
COPD, no CHF	1.058	1.782	.2382
healthy controls, idiopathic cachexia	-1.695	4.212	.3748
healthy controls, Infection	-4.497	2.689	.0018
healthy controls, Livercirrh + Cachexia	-4.158	2.689	.0028
healthy controls, Malnutrition	-1.047	2.689	.4418
healthy controls, more Controls	-1.433	3.939	.0003
healthy controls, no CHF	-.644	1.680	.4491
idiopathic cachexia, Infection	-2.802	4.588	.2631
idiopathic cachexia, Livercirrh + Cachexia	-2.263	4.588	.8299
idiopathic cachexia, Malnutrition	.848	4.588	.7144
idiopathic cachexia, more Controls	1.482	5.127	.3730
idiopathic cachexia, no CHF	1.251	4.077	.5441
Infection, Livercirrh + Cachexia	.338	3.243	.8388
Infection, Malnutrition	3.450	3.243	.0379
Infestation, more Controls	4.068	3.871	.0450
Infection, no CHF	3.859	2.472	.0026
Livercirrh + Cachexia, Malnutrition	3.112	3.243	.0598
Livercirrh + Cachexia, more Controls	3.725	3.971	.0537
Livercirrh + Cachexia, no CHF	3.518	2.472	.0068
Malnutrition, more Controls	.619	3.871	.7800
Malnutrition, no CHF	.403	2.472	.7472
more Controls, no CHF	.210	3.371	.9017

Figure 1

Individual data are  
summarised in Figure 2

Interaction Bar Plot for NA rem/1  
Effect: Cachectic diag. - NA-figure  
Error Bars:  $\pm 1$  Standard Error(s)

Figure 2



Chronic wasting disorders show increased activity of SNS as evidenced by increased plasma noradrenaline levels

\* All of these cachectic disorders have higher mean plasma noradrenaline levels which are then normal

Figure 3

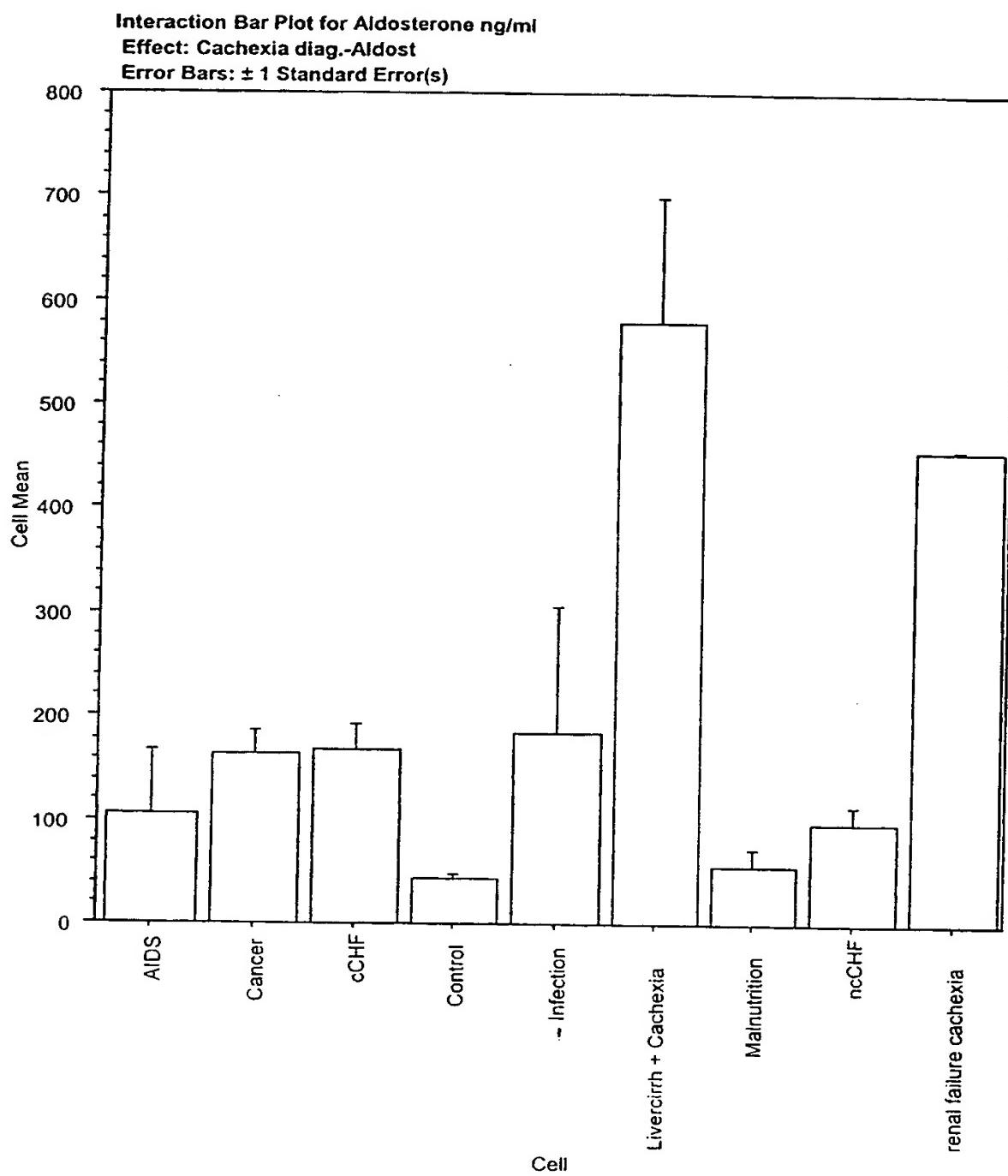
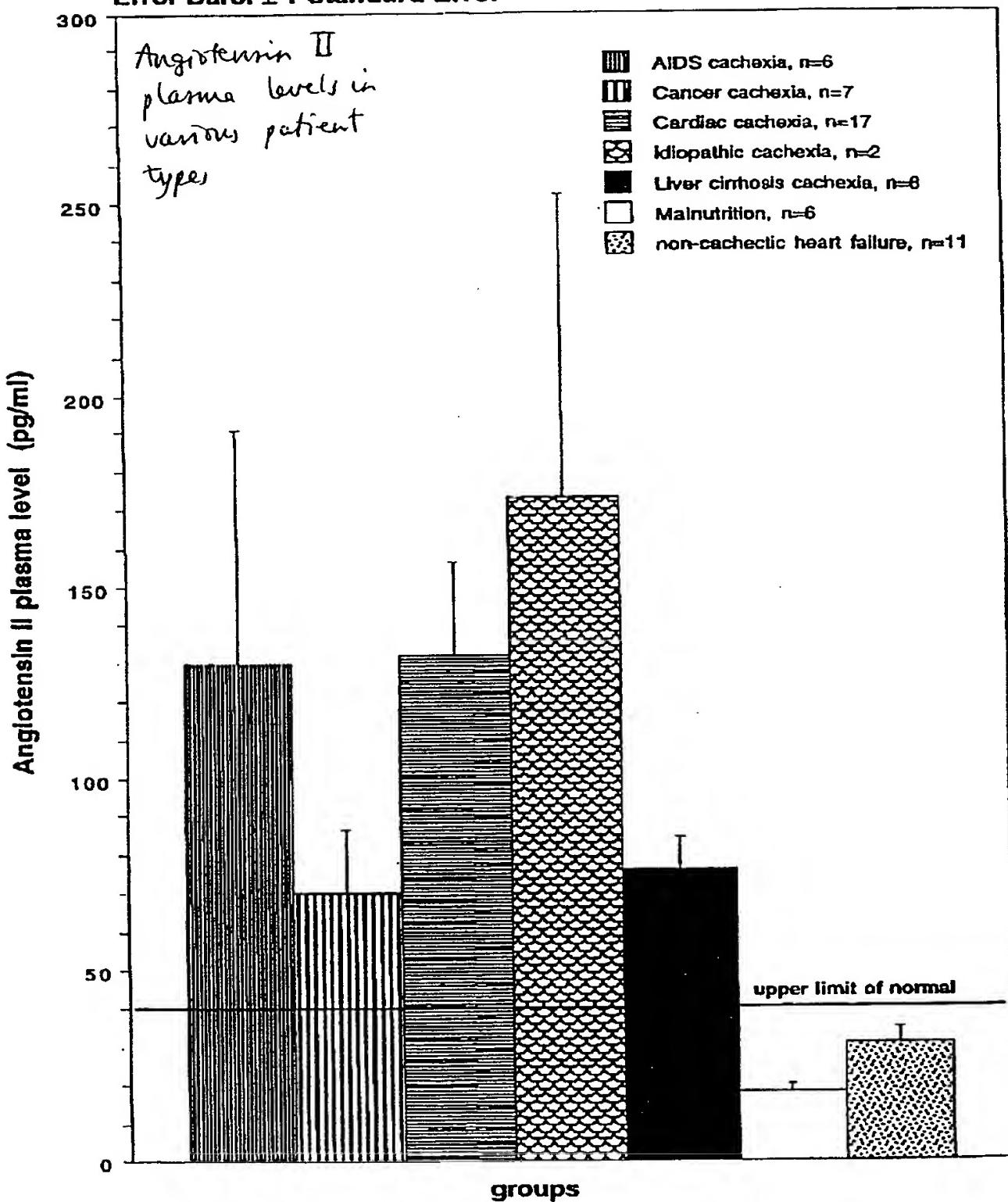


Figure 4

**Cell Bar Chart**  
**Split By: diagnosis**  
**Error Bars:  $\pm 1$  Standard Error**



Patients with wasting disease have increased angiotensin II plasma levels

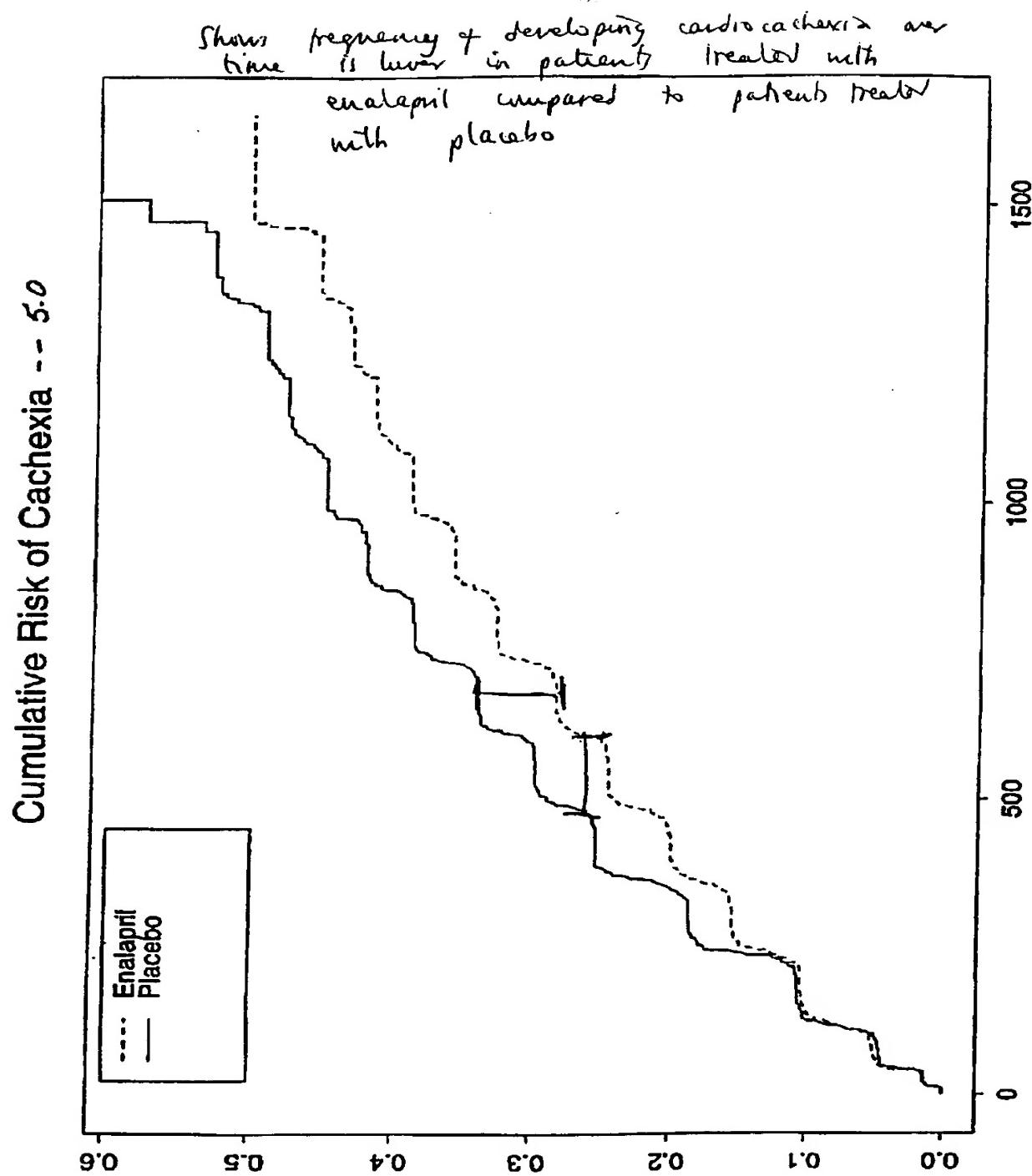


Figure 5  
5/5